



$$\Delta E_{total} = 193.8 J + 8.5 \text{ KJ} + 1588.4 J + 1.27 \text{ KJ} + 95.7 J$$

$$\Delta E_{total} = 11.64 \text{ KJ} \rightarrow 12 \text{ KJ}$$

$$\Delta E_{total} = 11640 J$$

	0.198 KJ
	8.54 KJ
	1,588.4 KJ
	1.27 KJ
	0.095 KJ
	<u>11640 J</u>